What is claimed is:

- 1. A resin molded article having a spring structure, comprising a three-dimensional structure with voids at a predetermined bulk density, said three-dimensional structure being formed by contacting, entwining, and gathering adjacent ones of random loops or curls of solid and/or hollow continuous filaments and/or short filaments made from a mixture of a polyolefin resin and VAC, EVA or SBS, wherein said three-dimensional structure is increased in bulk density in a direction of width thereof, at appropriate space intervals in a direction of length thereof.
- The resin molded article according to claim 1, wherein said three-dimensional structure has voids providing low and high densities.
- The resin molded article according to claim 1, a mixture ratio of said polyolefin resin to said VAC or said EVA is 70 to 97 wt% to 3 to 30 wt%.
- The resin molded article according to claim 2, a mixture ratio of said polyolefin resin to said VAC or said EVA is 70 to 97 wt% to 3 to 30 wt%.
- The resin molded article according to claim 1, a mixture ratio of said polyolefin resin to said VAC or said EVA is 80 to 90 wt% to 10 to 20 wt%.
- The resin molded article according to claim 2, a mixture ratio of said polyolefin resin to said VAC or said EVA is 80 to 90 wt% to 10 to 20 wt%.
- The resin molded article according to claim 1, wherein a mixture ratio of said polyolefin resin to said SBS is 50 to 97 wt% to 3 to 50 wt%.
- The resin molded article according to claim 2, wherein a mixture ratio of said polyolefin resin to said SBS is 50 to 97 wt% to 3 to 50 wt%.
- The resin molded article according to claim 3, wherein a mixture ratio of said polyolefin resin to said SBS is 50 to 97 wt% to 3 to 50 wt%.
 - 10. The resin molded article according to claim 1, wherein a mixture ratio of

said polyolefin resin to said SBS is 70 to 90 wt% to 10 to 30 wt%.

- 11. The resin molded article according to claim 2, wherein a mixture ratio of said polyolefin resin to said SBS is 70 to 90 wt% to 10 to 30 wt%.
- 12. The resin molded article according to claim 3, wherein a mixture ratio of said polyolefin resin to said SBS is 70 to 90 wt% to 10 to 30 wt%.
- 13. The resin molded article according to claim 1, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 3.0 mm, preferably 0.7 to 1.0 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.0 mm to 3.0 mm.
- 14. The resin molded article according to claim 2, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 3.0 mm, preferably 0.7 to 1.0 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.0 mm to 3.0 mm.
- 15. The resin molded article according to claim 1, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 3.0 mm, preferably 0.7 to 1.0 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.5 to 2.0 mm.
- 16. The resin molded article according to claim 2, wherein said solid continuous filaments and/or short filaments have a diameter of 0.3 mm to 3.0 mm, preferably 0.7 to 1.0 mm, and said hollow continuous filaments and/or short filaments have a diameter of 1.5 to 2.0 mm.
- The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.001 to 0.08 g/cm³.
- The resin molded article according to claim 2, wherein said three-dimensional structure has a bulk density of 0.001 to 0.08 g/cm³.
- The resin molded article according to claim 3, wherein said three-dimensional structure has a bulk density of 0.001 to 0.08 g/cm³.

- The resin molded article according to claim 4, wherein said three-dimensional structure has a bulk density of 0.001 to 0.08 g/cm³.
- The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.001 to 0.08 g/cm³.
- The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm².
- The resin molded article according to claim 2, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm³.
- The resin molded article according to claim 3, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm².
- 25. The resin molded article according to any one of claim 4, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm³.
- The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.02 to 0.06 g/cm².
- 27. The resin molded article according to claim 1, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.
- 28. The resin molded article according to claim 2, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.
- 29. The resin molded article according to claim 3, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.
- 30. The resin molded article according to claim 4, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.
 - 31. The resin molded article according to claim 5, wherein said

three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.

- 32. The resin molded article according to claim 6, wherein said three-dimensional structure is a cushion material for seats of an automotive vehicle or a bed.
- 33. A method of producing a resin molded article having a spring structure, by melt-extruding a polyolefin resin into a plurality of filaments, and contacting, entwining and gathering adjacent ones of random loops or curls of continuous filaments, thereby forming a three-dimensional structure with voids at a predetermined bulk density, wherein a take-off speed for taking off the extruded continuous filaments is changed to thereby form high density portions having an increased bulk density which each extend in a direction of width of said three-dimensional structure and are arranged at appropriate space intervals in a direction of length of said three-dimensional structure.
- 34. The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.
- 35. The resin molded article according to claim 2, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.
- 36. The resin molded article according to claim 3, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.
- 37. The resin molded article according to claim 4, wherein said three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.
 - 38. The resin molded article according to claim 5, wherein said

three-dimensional structure has a bulk density of 0.005 to 0.03 g/cm³ at low density portions, and a bulk density of 0.03 to 0.08 g/cm³ at high density portions.

- 39. The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm² at high density portions.
- 40. The resin molded article according to claim 2, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm² at low density portions, and a bulk density of 0.04 to 0.07 g/cm² at high density portions.
- 41. The resin molded article according to claim 3, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm³ at high density portions.
- 42. The resin molded article according to claim 4, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm³ at high density portions.
- 43. The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.008 to 0.03 g/cm³ at low density portions, and a bulk density of 0.04 to 0.07 g/cm³ at high density portions.
- 44. The resin molded article according to claim 1, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.
- 45. The resin molded article according to claim 2, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.
- 46. The resin molded article according to claim 3, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.
 - 47. The resin molded article according to claim 4, wherein said

three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.

- 48. The resin molded article according to claim 5, wherein said three-dimensional structure has a bulk density of 0.01 to 0.03 g/cm³ at low density portions, and a bulk density of 0.05 to 0.06 g/cm³ at high density portions.
- 49. The resin molded article according to claim 9, wherein said three-dimensional structure has a void ratio of 96 to 99 % at said low density portions, and a void ratio of 91 to 97 % at said high density portions.
- 50. The resin molded article according to claim 9, wherein said three-dimensional structure has a void ratio of 97 to 99 % at said low density portions, and a void ratio of preferably 92 to 96 % at said high density portions.
- 51. The resin molded article according to claim 9, wherein said three-dimensional structure has a void ratio of 97 to 98 % at said low density portions, and a void ratio of 93 to 94 % at said high density portions.
- The resin molded article according to claim 1, wherein a mixture ratio of solid filaments to hollow filaments is 0 to 50 to 50 to 100.
- 53. The resin molded article according to claim 2, wherein a mixture ratio of solid filaments to hollow filaments is 0 to 50 to 50 to 100.
- The resin molded article according to claim 3, wherein a mixture ratio of solid filaments to hollow filaments is 0 to 50 to 50 to 100.
- 55. The resin molded article according to claim 4, wherein a mixture ratio of solid filaments to hollow filaments is 0 to 50 to 50 to 100.
- 56. The resin molded article according to claim 5, wherein a mixture ratio of solid filaments to hollow filaments is 0 to 50 to 50 to 100.
- 57. The resin molded article according to claim 1, wherein outer surfaces of said hollow filaments are covered with solid filaments.
 - 58. The resin molded article according to claim 2, wherein outer surfaces of

said hollow filaments are covered with solid filaments.

- 59. The resin molded article according to claim 3, wherein outer surfaces of said hollow filaments are covered with solid filaments.
- 60. The resin molded article according to claim 4, wherein outer surfaces of said hollow filaments are covered with solid filaments.
- 61. The resin molded article according to claim 5, wherein outer surfaces of said hollow filaments are covered with solid filaments.